

NOV 18 1993



November 16, 1993

Mr. Norman Pecor
Pecor Auto Sales
376 Main Street
Winooski, Vermont 05404

RE: **November 1993 Stockpiled Soil Screening Results**
Pecor Auto Sales, Winooski, Vermont VT DEC Site #92-1285

Dear Mr. Pecor:

This letter summarizes the results of the stockpiled soils screening located at the above referenced site. Routine soil screening at Pecor Auto Sales is being conducted as a part of a continued passive remediation plan for the soils and has been requested by the Vermont Department of Environmental Conservation as contained in their letter dated June 1, 1993.

On November 2, 1993, Griffin collected eight random samples from the approximately 17 cubic yards of soil stockpiled behind the Pecor Auto Sales main building (see site map in the attachment for the soil pile locations). These were collected with the use of a hand auger at depths ranging from 1.0 to 2.5 feet from the surface of the pile. Each sample was placed in a plastic bag and lightly agitated and the headspace screened with an HNu HW-101 photoionization device (PID) for volatile organic compounds (VOC). The results from the soil screening in parts per million (ppm) are displayed below. Soil sample locations are shown on the site map on page A1 of the attachment.

Soil Screening Results for Pecor Auto Sales, November 2, 1993		
Sample	Depth (ft)	PID response (ppm)
1	2.0	4.9
2	1.0	4.4
3	2.5	6.8
4	2.0	3.9
5	2.5	4.1
6	1.0	0.4
7	1.5	10.2
8	1.0	0.8

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The results from this round of soil screening show a dramatic decrease in VOCs in the stockpiled soils from the last sampling round in May of 1993. VOC concentrations detected in the stockpiled soils in May ranged from 36 to 150 ppm as compared to a maximum of 10.2 ppm detected in November of 1993. This decrease may be attributable to the fact that the larger soil pile was moved back away from the parking lot a distance of approximately 30 feet, as indicated on the site map. The moving of the stockpiled soils most likely allowed for the entrance of oxygen into the soils thus enhancing degradation.

Recommendations

It appears that the contaminant levels in the stockpiled soils located at Pecor Auto Sales are decreasing. Once the concentrations in the soils reach a level that is non-detect with a PID, the soils may be spread on site. Griffin recommends that the soils be screened again in the spring after the piles have had a chance to thaw. At this time, a decision may be made as to future monitoring at the site.

Griffin is pleased to have conducted this work for you. If you have any questions concerning this report, please call.

Sincerely,



Erik C. Sandblom
Environmental Engineer

Attachment

cc: Chuck Schwer VTDEC

REF: pecnov93.rpt

VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION
UNDERGROUND STORAGE TANK PROGRAM
SITE MAP

RECOMMENDED SCALE - 1" = 50 feet (but not smaller than 1" = 100 feet)

MAP DRAWN BY: *RON MILLER*

BUSINESS NAME WHERE TANK(S) LOCATED: *PECOR AUTO SALES*

Show location of all tanks and property boundary; distance to permanent structures; monitoring wells; water wells within 500 foot radius; storm; sewer and water lines; sample points; areas of contamination and other pertinent site information. Indicate North arrow and major street names or route number.

SITE MAP REVISED 11/2/93 - ELS

